What is claimed is:

1. A refined laser leveler, comprising:

a fixed base having a laser transmitter and two conducting pieces mounted at a front end thereof and a power supplier mounted thereon for supplying power;

a controlling element mounted at a front edge of said conducting pieces and having a protruded block mounted at a back end thereof, a trigger block mounted at a front end thereof, a hole and a beam splitter mounted thereon, wherein said beam splitter comprises a vertical grating and a horizontal grating; and

a case for covering said fixed base and said controlling element and having an opening located at a position corresponding to said controlling element for sliding said controlling element in said opening;

thereby different types of checking beams including a spot beam, a vertical beam and a cross beam are respectively produced through a three-section control of a slide of said controlling element.

2. The refined laser leveler according to claim 1, wherein a number of said trigger block of said controlling element is more than one.

3. The refined laser leveler according to claim 1, wherein said fixed base further comprises a light bulb mounted at said front end thereof and a switch mounted at a side end thereof for controlling said light bulb.

4. The refined laser leveler according to claim 1, wherein said case further comprises a magnetic object mounted at a bottom surface thereof for being attracted on a platform.

5. The refined laser leveler according to claim 4, wherein said magnetic object is a magnet.

6. The refined laser leveler according to claim 1, wherein said fixed base further comprises at least a level bubble calibrator mounted at a top end thereof.

7. The refined laser leveler according to claim 6, wherein said at least a level bubble calibrator is two perpendicular level bubble calibrators mounted.

8. The refined laser leveler according to claim 1, wherein said power supplier is a battery and mounted at a back end of said conducting piece for supplying power.

9. The refined laser leveler according to claim 1, wherein said vertical grating is mounted at an upper half of said light splitter and said horizontal grating is mounted at a lower half of said light splitter, and vice versa.

10. The refined laser leveler according to claim 1, wherein said controlling element further comprises a groove mounted at two sides thereof for positioning thereof.

11. The refined laser leveler according to claim 1, wherein said case further comprises a sliding trough mounted at two sides thereof and plural wedging blocks mounted in said sliding trough so that said controlling element is positioned through a cooperation between said controlling element and said plural wedging blocks.